

	Document ID	Issue Date	Pages	Title	Current OR
1	US 20070040704 A1	20070222	65	Reverse link interference cancellation	340/981
2	US 20060265214 A1	20061123	22	System and method for linear prediction	704/219
3	US 20060233289 A1	20061019	17	Mixed direct-indirect adaptation procedure applied to receiver filter	375/346
4	US 20060142041 A1	20060629	51	Adaptation of transmit subchannel gains in a system with interference cancellation	455/522
5	US 20060141935 A1	20060629	51	Joint interference cancellation of pilot, overhead and traffic channels	455/63.1
6	US 20060141934 A1	20060629	51	Traffic interference cancellation	455/63.1
7	US 20060141933 A1	20060629	50	Channel estimation for interference cancellation	455/63.1
8	US 20060140259 A1	20060629	36	Sub-symbol parallel interference cancellation	375/148
9	US 20060140258 A1	20060629	35	Sub-symbol parallel interference cancellation	375/148
10	US 20060126703 A1	20060615	18	Method of receiving spread spectrum signal, and receiver	375/147
11	US 20060013289 A1	20060119	33	Multistage adaptive parallel interference canceller	375/148
12	US 20060007895 A1	20060112	37	Method and apparatus for canceling pilot interference in a wireless communication system	370/335
13	US 20050276313 A1	20051215	8	Data transmission method and receiver	375/148
14	US 20050185594 A1	20050825	11	Method of selecting transport channel parameters, radio system, controller, user equipment and base station	370/252
15	US 20050163198 A1	20050728	15	Method of parallel interference cancellation and an apparatus thereof	375/148
16	US 20050128985 A1	20050616	25	Combined adaptive spatio-temporal processing and multi-user detection for CDMA wireless systems	370/335
17	US 20050111566 A1	20050526	16	Wireless communication apparatus and method for multiple transmit and receive antenna system using multiple codes	375/267

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4	Tomasin; Stefano et al.
5	Hou; Jilei et al.
6	Pfister; Henry David et al.
7	Smee; John Edward et al.
8	Dunyak; James P. et al.
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10	Karna; Juha O.
11	Hwang; In Kwan
12	Coralli; Alessandro Vanelli et al.
13	Horneman, Kari et al.
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15	Wei, Limei et al.
16	Liberti, Joseph Charles JR. et al.
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18	US 20050111414 A1	20050526	29	Parallel interference cancellation and minimum cost channel estimation	370/335
19	US 20050043943 A1	20050224	13	Blind speech user interference cancellation (SUIC) for high speed downlink packet access (HSDPA)	704/201
20	US 20050036569 A1	20050217	13	Perturbation and equalization method and system for multi-user detection	375/316
21	US 20050013350 A1	20050120	37	Method and apparatus for canceling pilot interference in a wireless communication system	375/148
22	US 20050002445 A1	20050106	37	Sub-symbol parallel interference cancellation	375/148
23	US 20040246927 A1	20041209	13	Method of double weighting parallel interference cancellation	370/335
24	US 20040196892 A1	20041007	19	Parallel interference cancellation receiver for multiuser detection CDMA signals	375/148
25	US 20040190601 A1	20040930	14	Method and apparatus for receiving a CDMA signal	375/148
26	US 20040176051 A1	20040909	13	Method and apparatus for receiving a CDMA signal	455/101
27	US 20040136444 A1	20040715	29	Cascade filter receiver for DS-CDMA communication systems	375/147
28	US 20040120274 A1	20040624	46	CDMA transceiver techniques for wireless communications	370/320
29	US 20040032848 A1	20040219	11	Combined equalizer and spread spectrum interference canceller method and implementation for the downlink of CDMA systems	370/342
30	US 20030215004 A1	20031120	12	Method for multiple access interference suppression, and receiver	375/148
31	US 20030206577 A1	20031106	29	Combined adaptive spatio-temporal processing and multi-user detection for CDMA wireless systems	375/152
32	US 20030112904 A1	20030619	22	Time variant filter implementation	375/350
33	US 20030095590 A1	20030522	15	Symbol-directed weighting in parallel interference cancellation	375/148

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<b>20</b>	Lu, Chun Chian
<b>21</b>	Coralli, Alessandro Vanelli et al.
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<b>29</b>	Papasakellariou, Aris .
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34	US 20030053526 A1	20030320	21	Parallel interference cancellation receiver for multiuser detection of CDMA signals	375/148
35	US 20030012264 A1	20030116	15	Interference cancellation system and method	375/148
36	US 20030007473 A1	20030109	42	Method and apparatus for integrating wireless communication and asset location	370/338
37	US 20020196841 A1	20021226	18	Method of receiving spread spectrum signal, and receiver	375/147
38	US 20020159507 A1	20021031	24	Method and apparatus for regenerative based interference cancellation within a communication system	375/148
39	US 20020154713 A1	20021024	16	Reduction of linear interference canceling scheme	375/346
40	US 20020065664 A1	20020530	21	System and method for linear prediction	704/500
41	US 20020051433 A1	20020502	96	Interference suppression in CDMA systems	370/335
42	US 7133435 B2	20061107	11	Interference cancellation system and method	375/148
43	US 7103537 B2	20060905	23	System and method for linear prediction	704/219
44	US 7099378 B2	20060829	35	Sub-symbol parallel interference cancellation	375/148
45	US 7023903 B2	20060404	19	Method of receiving spread spectrum signal, and receiver	375/147
46	US 6975666 B2	20051213	94	Interference suppression in CDMA systems	375/130
47	US 6961395 B2	20051101	21	Time variant filter implementation	375/350
48	US 6959065 B2	20051025	15	Reduction of linear interference canceling scheme	376/346
49	US 6931052 B2	20050816	15	Symbol-directed weighting in parallel interference cancellation	375/144
50	US 6816541 B1	20041109	20	Spread spectrum interference cancellation	375/148
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<b>51</b>	Reznik; Alexander

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52	US 6529495 B1	20030304	17	Method and apparatus for providing differencing multistage detection in the reverse link of a code division multiple access communication system	370/342
53	US 6240099 B1	20010529	16	Multi-user code division multiple access receiver	370/441
54	US 6201799 B1	20010313	11	Partial decorrelation for a coherent multicode code division multiple access receiver	370/342
55	US 6154443 A	20001128	18	FFT-based CDMA RAKE receiver system and method	370/210
56	WO 3103202 A1	20031211	30	A METHOD OF PARALLEL INTERFERENCE CANCELLATION AND AN APPARATUS THEREOF	
57	US 20040176051 A	20040909	13	Radio receiver e.g. cellular telephone in network employing space-time transmit diversity, has STTD-linear minimum mean square error receiver that refines estimation of transmitted signal using parallel interference cancellation	

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<b>55</b>	Huang; Chia-Chi et al.
<b>56</b>	WEI, LIMEI et al.
<b>57</b>	BORRAN, M J et al.